

HOLLOW FIBER MEMBRANE MODULE

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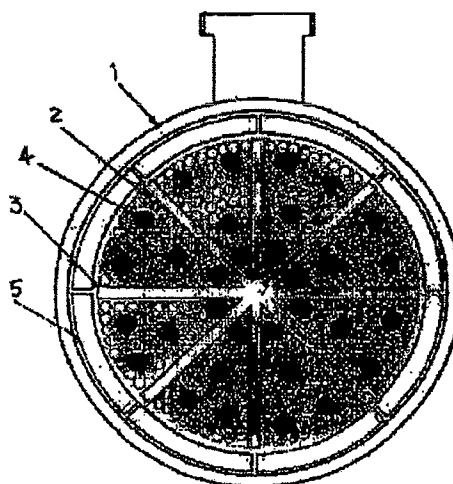
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Abstract of JP2000185220

PROBLEM TO BE SOLVED: To entirely disperse a hollow fiber membrane in the diametral direction and stabilize a filtration performance over a long time by setting a partition and an introduction bar in the hollow fiber membrane bundle of an adhesive fixing part, in a module with plural pieces of hollow fiber membrane stored in a module case and adhesively fixed using an adhesive on both ends. **SOLUTION:** An outer pressure filtration-type module 1 has hollow fiber membranes 2 having one ends which are opened and the other ends which are sealed with an adhesive layer having plural through apertures. In addition, each partition 3 is preferably arranged radially in the bundle of the hollow fiber membranes 2 as viewed from the cut sectional direction of the module 1. The partitions 3 are arranged in the shape of straight line, three-pronged fork, cross or the like. Further, one end of the partition 3 may be exposed to the cut section but the other end is embedded in the adhesive layer so that the end is not exposed from the adhesive interface inside the module 1. On the other hand, the shape of the introduction bar 4 is preferably circular as viewed from the cut direction of the module 1. Plural arcuate plates 5 are set between the bundle of the hollow fiber membranes 2 and the module 1.



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